

Date: Thu, 4 Aug 94 04:30:20 PDT  
From: Ham-Equip Mailing List and Newsgroup <ham-equip@ucsd.edu>  
Errors-To: Ham-Equip-Errors@UCSD.Edu  
Reply-To: Ham-Equip@UCSD.Edu  
Precedence: Bulk  
Subject: Ham-Equip Digest V94 #269  
To: Ham-Equip

Ham-Equip Digest                      Thu, 4 Aug 94                      Volume 94 : Issue 269

Today's Topics:

Any Mods for TM-733a Yet?  
HF Transceiver for Sale  
ICOM HF rig for sale(sold)  
Kenwd TS-520S, SE  
Kenwood TH-79A  
Radio Shack HF Rig Ru  
Radio Shack HF Rig Rumor  
Repeater for sale  
RS HTX-202 Battery (2 msgs)  
TH-79A  
Wanted FT-530 Mods.  
Where to get repeater ?

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>  
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.  
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Date: 2 Aug 1994 21:30:07 -0400  
From: newstf01.cr1.aol.com!search01.news.aol.com!not-for-mail@uunet.uu.net  
Subject: Any Mods for TM-733a Yet?  
To: ham-equip@ucsd.edu

Hi all, When I was installing the tone decoder unit I noticed 2 green  
wires just to the left of where the decoder unit goes. These two wires  
look like they are jumpers of some sort and I pretty sure they are for the  
Mars/Cap mods. But I'm not brave enough to find out for myself, so I  
thought I would see if anyone has clipped these wires yet, and what they  
do.

Thanks in advance for any help.  
Lonnie

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Date: 4 Aug 1994 02:38:11 GMT  
From: ihnp4.ucsd.edu!agate!headwall.Stanford.EDU!Xenon.Stanford.EDU!  
polland@network.ucsd.edu  
Subject: HF Transceiver for Sale  
To: ham-equip@ucsd.edu

I posted this a couple of days ago and had many, many inquiries but no offers. I would like to sell the Kenwood TS-440S w/ AT either separately or will sell everything as a package deal.

- 1.) Kenwood TS-440S w/AT. Purchased two years ago for about \$1,300. NEVER used. Has been sitting here for the past two years. I am not really interested in HF. Would like to get \$1100 or best offer for the transceiver. Unit is in like-new condition. Will ship in the original box. (With manual and documentation)
- 2.) Trio CW Filter YK-88C Crystal Filter 8830.7 kHz (L71-0211-05).
- 3.) Service Manual for TS-440S with antenna tuner
- 4.) NPC Regulated Power Supply (25 amps). Meters for both Voltage and Current.
- 5.) Cushcraft 5-band HF Antenna (ATV-5). I mounted this on the roof for about 6 months until the neighbors started complaining. It does have some normal corrosion. It breaks down into 4 or 5 ft lengths.
- 6.) Kenwood MC-85 Microphone Control Station. This is Kenwood's Deluxe desk-top Microphone with built-in audio-level compensation (700 ohms) and undirectional electret condenser microphone.

I would like to sell everything as a package deal. I actually paid about \$1750 for all of the equipment. Make an offer.

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Date: Wed, 03 Aug 1994 08:26:24 -0600  
From: dog.ee.lbl.gov!agate!howland.reston.ans.net!europa.eng.gtefsd.com!  
uhog.mit.edu!news.kei.com!travelers.mail.cornell.edu!newsstand.cit.cornell.edu!  
gary-domke.cit.cornell.edu@ihnp4.ucsd.edu  
Subject: ICOM HF rig for sale(sold)  
To: ham-equip@ucsd.edu

The equipment listed below has been sold. -thanks-

In article <gd12-010894133031@gary-domke.cit.cornell.edu>, gd12@cornell.edu (Gary R. Domke) wrote:

> For Sale: Icom IC-725 genreal coverage HF transceiver \$600.  
Also available is an Astron RS20A  
> 13.8VDC power supply  
> (\$75) and an MFJ 949D Versatuner II (\$75).  
Gary Domke AA2HL

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Date: Wed, 3 Aug 1994 17:44:04 GMT  
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!vixen.cso.uiuc.edu!  
newsfeed.ksu.ksu.edu!moe.ksu.ksu.edu!usenet-feed.umn.edu!crunch.nuc.umn.edu!  
sidener@network.ucsd.edu  
Subject: Kenwd TS-520S, SE  
To: ham-equip@ucsd.edu

I would like to thank everyone who replied concerning my request  
for information about the Kenwood TS-520S HF radio!!!

I was overwhelmed by the responses!!

I have thus acquired a TS-520S by trade of some quipment with a friend.  
This is my first HF rig, so now I must get to studying so I can upgrade!

The overall responses were as follows:

The TS-520S is a Good all-around basic rig

It is very durable, reliable, and easy to repair.

The average price should be somewhere between \$300 and \$400  
depending on what accessories come with it.

Now that I have one, I am looking for anyone who would sell, or knows where  
I can get any of the following accessories:

The digital display module  
The external VFO  
CW Filter  
FM board (if exists)  
External X-verters

I would appreciate you input on finding these!

Thanks again for all the replies!!!!!!

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      ****-          -*****-
      *****_      _*****-      Scott E. Sidener
      *****-      -*****_
      *****      _*****-      sidener@umr.edu
      *****      -*****-
      *****      -*****-      NOWFL
*****      ---      -*****
*****      /*****\      *****
*****      |*****|      *****
      ***      \*****/      ***
      ---
      /-- ___ --\
      /*****\
      /*****\
      /*****\
      /*****\      WE TURN ON THE JUICE!!
      /*****\
      -*****-      SAFE and CLEAN
      --*****--
      -----
*****
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Date: 3 Aug 1994 01:30:03 -0400  
From: newstf01.cr1.aol.com!search01.news.aol.com!not-for-mail@uunet.uu.net  
Subject: Kenwood TH-79A  
To: ham-equip@ucsd.edu

In article <31ch39\$hvu@pentagon.io.com>, duanev@pentagon.io.com (duane  
voth) writes:

Duane,  
I've got a 79A also and was wondering if you knew what mode is invoked  
when you press PPT + MR and power on. The lower message area displays "  
-RC- ". If you press any of the keys it transmits some tones and displays  
some status messages - perhaps it's in "clone mode"?????.  
thanks.....Greg Jones

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Date: Tue, 2 Aug 94 20:36:00 -0500  
From: ihnp4.ucsd.edu!pacbell.com!well!nigel.msen.com!spool.mu.edu!agate!  
iat.holonet.net!wwswinc!art.harris@network.ucsd.edu  
Subject: Radio Shack HF Rig Ru  
To: ham-equip@ucsd.edu

In <31eg1g\$hsg@news.onramp.net> Al, N1AL wrote:

>However, I have long believed that it should be possible to make a simple  
>SSB/CW transceiver for a lot less than the \$1000 or so that the cheapest  
>current radios sell for. Leave out the synthesizer, microprocessor,  
>and other bells and whistles and design the solid-state equivalent of  
>the old Heathkit SB-102. I bet it could be done for under \$500.

Now you're talking, Al! I built my SB-102 in 1971 and I still use it as  
a backup rig. The analog freq readout is good to within a few hundred  
cycles -- more than enough accuracy.

And while we're at it, how about a basic 2-meter mobile rig for around  
\$200?

Art N2AH

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Date: Wed, 3 Aug 1994 05:22:32 GMT  
From: agate!howland.reston.ans.net!math.ohio-state.edu!sdd.hp.com!  
hpscit.sc.hp.com!news.dtc.hp.com!srngenprp!alanb@ames.arpa  
Subject: Radio Shack HF Rig Rumor  
To: ham-equip@ucsd.edu

Ignacy Misztal (ignacy@misz.animal.uiuc.edu) wrote:

: In <Ctpwru.86M@srngenprp.sr.hp.com>, alanb@hpnmarb.sr.hp.com (Alan Bloom) writes:  
: >... Leave out the synthesizer, microprocessor,  
: >and other bells and whistles and design the solid-state equivalent of  
: >the old Heathkit SB-102. I bet it could be done for under \$500.

: I think SB102 might be more expensive to make now than a computerized  
: radio. Imagine using good-size coils with high Q, good switches,  
: adjustments, good dial without backlash... For a switching power  
: supply, I still remember one from Yaesu. It was filtered extensively  
: yet the noise was excessive for in-house antennas.

Of course you would use modern circuit design techniques to lower cost.  
(I should have said the \*functional\* equivalent of an SB-102.)

If you chose an IF frequency at an even MHz (say 9 MHz) then you could use a simple frequency counter to replace the mechanical dial. (Just use the kHz digits, since you already know what the MHz are.)  
A cheap "flubber" membrane keypad could be used to replace mechanical switches. And so on, you get the idea.

AL N1AL

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Date: 3 Aug 1994 11:38:03 -0400  
From: newstf01.cr1.aol.com!search01.news.aol.com!not-for-mail@uunet.uu.net  
Subject: Repeater for sale  
To: ham-equip@ucsd.edu

I have the following for sale:

Regency UHF Repeater (estimate 10-15W power)

Data Signal Inc., Autopatch Model RAP 200  
Model # RAP 200

Phelps Dodge Communications duplexers (4)

This is commercial grade equipment previously used for a mobile phone/pager network running on the 400MHz band. Tx 462 MHz, Rx 467 MHz.

Highest bidder takes it!

-- Atle Bjanas

Atle Bjanas, voice (717) 534-5006, (717) 626-2553 (home)

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Date: 2 Aug 1994 20:14:37 -0400  
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!howland.reston.ans.net!math.ohio-state.edu!sdd.hp.com!col.hp.com!csn!jabba.cybernetics.net!not-for-mail@network.ucsd.edu  
Subject: RS HTX-202 Battery  
To: ham-equip@ucsd.edu

x92verma@wmich.edu wrote:

: I'm still having bad luck with my battery situation, though.  
: My ni-cd pack has a very short lifetime, and I tried Renewal rechargeable

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: alkalines, but they don't even transmit. Has anyone tried the older
: Icom packs which are supposedly compatible with the 202. Please e-mail
: or post here as to your solutions.
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The older Icom battery packs do fit the HTX 202. I have been using the Renewal batteries in my 202 for several months now with no problems. Could there be something wrong with the rig?

— —

Tim Rumph                                      Concord, NC  
tarumph@cybernetics.net (PSE sent mail here, not to uncc.edu-ALL DONE!)  
kd4ows@wb4kdf.#gas.nc.usa.na        (non-hams: don't try to use this on the  
Internet)

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Date: Wed, 3 Aug 1994 10:27:10 GMT  
From: iglou!iglou!davidm@uunet.uu.net  
Subject: RS HTX-202 Battery  
To: ham-equip@ucsd.edu

In article <1994Aug2.104746.20127@wmichgw>, x92verma@wmich.edu wrote:

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> I'm still having bad luck with my battery situation, though.
> My ni-cd pack has a very short lifetime, and I tried Renewal rechargeable
> alkalines, but they don't even transmit. Has anyone tried the older
> Icom packs which are supposedly compatible with the 202. Please e-mail
> or post here as to your solutions.
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I've used Icom packs on my 202 for some time now with no problems. Pardon me a second and I'll see exactly what packs I'm using...(gets up, staggers over to table of ham equipment...) okay, I'm using three different IC-BP7 packs.

David KD4RMW  
davidm@iglou.com

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Date: Wed, 3 Aug 94 10:24:46 -0500  
From: news.delphi.com!usenet@uunet.uu.net  
Subject: TH-79A  
To: ham-equip@ucsd.edu

Jeff Kilgore <kilgore@wichita.tivoli.com> writes:

>I recently bought a Kenwood TH-79A dual-band HT, and am generally quite

>pleased with it. My only concern is how hot the case gets after just a few  
>minutes of operation at high power (5 watts) from a 12-volt supply.

>

>It is slightly uncomfortable, but my real concern is the health of the  
>radio. Is the external heat simply a result of the case's heat sink  
>action, or should I be concerned about the state of the radio's internal  
>components, particularly the PA stage? Does anyone know (other than the  
>manual's vague statement about 1 minute on, 3 minutes off) what the safe  
>operational limits for the TH-79A are?

Jeff,

I would not "sweat" the hot rig, but you would be wise to  
only use high power when necessary to keep the problem in check.  
My th78 gets pretty hot with extended xmit, but has not shown  
any problems so far. I have put it up as a 5W digi and it  
survived with no complaints.

Good luck with what appears to be a sweet rig

73 de n1qdq

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Date: 3 Aug 1994 05:37:02 -0400  
From: newstf01.cr1.aol.com!search01.news.aol.com!not-for-mail@uunet.uu.net  
Subject: Wanted FT-530 Mods.  
To: ham-equip@ucsd.edu

Wanted Any & All Mods For The Yaesu FT-530  
Please E-Mail to:

BrassHat on AOL  
or  
BrassHat@aol.com Internet

or list on the board

Thank you

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Date: Tue, 2 Aug 1994 23:31:40 GMT  
From: news.cygnum.com!cygnum.com!rob@uunet.uu.net  
Subject: Where to get repeater ?  
To: ham-equip@ucsd.edu

I've been wondering where I could get a simple repeater. I wanted to put  
one in my car, so on climbing trips I would have a better chance of  
"getting out" from my HT (an Alinco 580). I'd guess cross band would be



best as UHF might work better in mountainous terrain. I'm considering just buying a mobile and using that, but I was wondering if there was any such thing as a simple, inexpensive repeater. I haven't seen anything in any of my catalogs.

At the same time, I'm open to suggestions as to how to increase the range of a HT in the backcountry. (simple, as my pack is already full of climbing gear :-)

- rob -

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Cygnus Support	<< KERNEL: Panic, core dumped >>	Headquarters
PO Box 1548	Darkstar crashes,	1937 Landings Drive
Nederland, CO 80466	pouring its light into ashes,	Mountain View, CA 94043
+1 (303) 258-0506	reason tatters, ...	+1 (415) 903-1400

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Date: 3 Aug 1994 17:43:05 GMT  
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!howland.reston.ans.net!swrinde!  
sdd.hp.com!col.hp.com!fc.hp.com!news.lvld.hp.com!scott@network.ucsd.edu  
To: ham-equip@ucsd.edu

References <DOUG\_HUSTON-010894074354@m21003.esl.com>,  
<775806749snz@g4udt.demon.co.uk>, <1994Aug3.143704.6809@ke4zv.atl.ga.us>om  
Subject : Re: ft530 mods any help?

Gary Coffman (gary@ke4zv.atl.ga.us) wrote:  
: In article <775806749snz@g4udt.demon.co.uk> Yves@g4udt.demon.co.uk writes:  
: >Can't understand the need for out of band TX.

: Simple, the cop wannabes want to be able to talk to their heros as  
: well as listen to them. That's why they want their scanners to  
: transmit too.

'Course the "give 'em the benefit of the doubt" answer would be a fair  
number of amateurs are involved in CAP, MARS or both and have  
legitimate use for some out of band capabilities.

Some of both, of course, goes on.

Scott Turner KG0MR scott@hpsla.LVLD.HP.COM

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Date: Wed, 3 Aug 1994 16:50:25 GMT  
From: world!dts@uunet.uu.net

To: ham-equip@ucsd.edu

References <316kq0\$0aa@news.aero.org>, <1994Jul28.194457.29713@mixcom.mixcom.com>, <cgwh.44.000F3F17@chevron.com>

Subject : Re: Bullet proof Handheld?

Icom America has come out with a new marine band radio which appears similar in size and shape to the IC-2GXAT unit. The interesting thing about this radio is that they claim it can be immersed in water at 1 meter for 30 minutes without damage. They're talking salt water, which will usually eat anything...

I'd like to see them make a Ham handheld in that casing, or a dual 2 meter/ marine radio. Either would be useful when out kayaking...

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Daniel Senie                Internet:    dts@world.std.com
Daniel Senie Consulting      n1jeb@world.std.com
508-779-0439                Compuserve:  74176,1347
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End of Ham-Equip Digest V94 #269

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